

M 5.3, 48 km NE of Xamaz, Azerbaijan

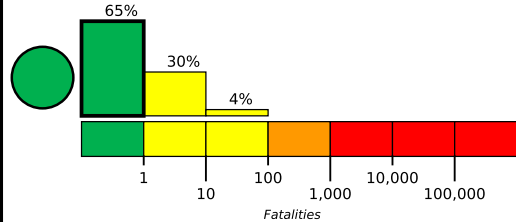
Origin Time: 2023-07-03 20:01:49 UTC (Mon 23:01:49 local)
Location: 41.7290° N 49.2631° E Depth: 53.0 km

PAGER
Version 7

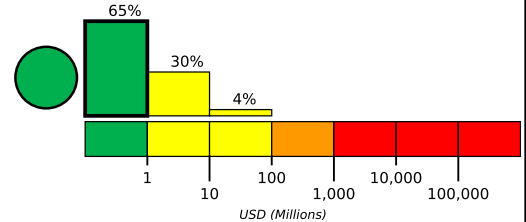
Created: 1 week, 2 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

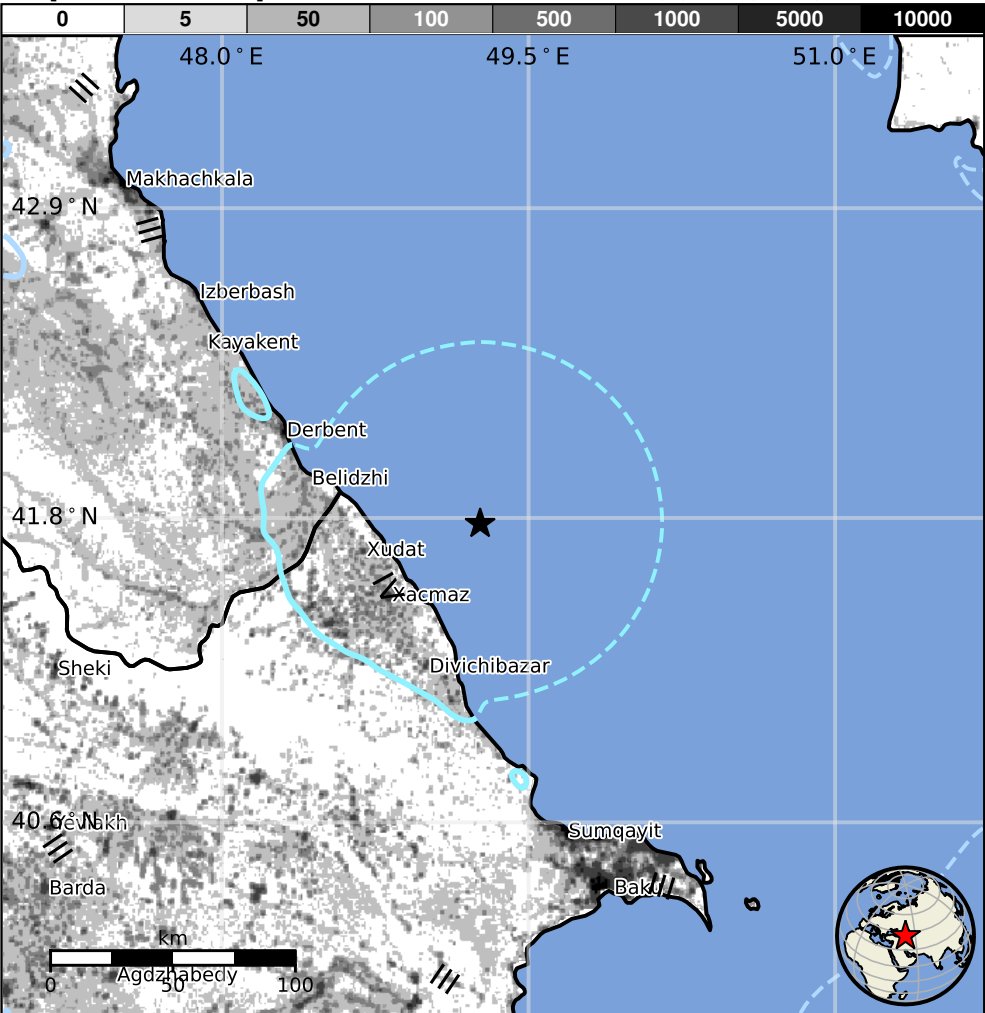


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	7,337k*	821k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-02-21	257	5.3	VI(156k)	1
1989-08-03	377	5.1	VI(110k)	1
2000-11-25	179	6.8	VIII(81k)	5

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Xacmaz	37k
IV	Xudat	14k
IV	Belidzhi	16k
IV	Samur	4k
IV	Hacihuseynli	2k
IV	Divichibazar	23k
III	Sumqayit	265k
III	Saatli	87k
III	Makhachkala	498k
III	Mingelchaur	95k
III	Baku	1,117k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us6000kpxj#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000kpxj